

Best Practices in Science Teaching: *A Hands-On Approach to Effective Teaching and Learning in the Middle School Science Classroom* (Registration # - 075-12)

How can I fit it all in? Can I make room for science and still achieve the standards for language arts and mathematics? Absolutely! Integration through science will increase interest and motivation in your students while achieving your goals. This hands-on, excitement filled workshop will show you how. Each participant will receive a CD of lesson plans and resources.

Reeda Hart, Outreach Specialist for the Center for Integrative Natural Science and Mathematics at Northern Kentucky University, will facilitate a two-day professional development to help you integrate science throughout your curriculum.



Model Teaching, Demonstrations, and Discussions are utilized to teach topics like:

Science

- Popper Inquiry
- Genetics and Mutations with Egyptian Origami Birds
- Earth's Fast Processes
- Ocean Currents and Convection

Technology

- Graphing on Line
- Computing Velocity

Engineering

- Wading into Wetlands as an Environmental Engineer
- Engineering for Earthquakes
- Electrical Engineering
- Environmental Engineering through Water Filtering
- Engineering Design for Roller Coasters

Mathematics

- Rock Cycle Mathematics
- Pop Bottle Cars Revisited
- Roller Coaster Velocity

For:	Middle School Science Teachers and Curriculum Coordinators
Dates:	June 20-21, 2012
Location:	Thompson Complex Western Ky University Bowling Green, KY
Time:	8:30-3:30 (CDT) Registration and Lite Breakfast begins at 8:00 a.m. (Lunch on your own)
Cost:	\$150.00 for GRREC members \$200.00 for non-GRREC members
Materials:	CD of all activities/lessons will be provided.

Registration Form

Best Practices in Scientific Inquiry:
*A Hands-On Approach to Effective Teaching
and Learning in the Elementary Science Classroom*

Registration # - 075-12

June 20 & 21, 2012

**Thompson Complex on the Campus of WKU
Bowling Green, KY**

Costs - \$150.00 for GRREC members

\$200 for non-GRREC members

*****space limited to 30 participants*****

Please Print:

Name: _____ Position _____

Work Email Address _____ Work Phone _____

School District _____ School _____

Name of Organization _____ P.O. # _____
(if not a school or school district) (required for registration)

Note: School districts (or schools) will be billed following the activity based upon registration. Cancellations must be made within five (5) working days of the activity to avoid being billed for fee. Substitutions will be allowed.

FAX THIS FORM TO GRREC AT (270) 563-2208

Registration Deadline: June 8, 2012

Sponsored by

Green River Regional Education Cooperative
230 Technology Way, Bowling Green, KY 42101

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FAX: (270) 563-2208

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Contact Brian Womack at (270) 563-2113 or brian.womack@grrec.ky.gov with questions.

